10/705,466

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| | | |
|---|---|---|
| NEWS 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS 2 | | "Ask CAS" for self-help around the clock |
| NEWS 3 | JUL 12 | BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS |
| NEWS 4 | AUG 02 | IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields |
| NEWS 5 | AUG 02 | CAplus and CA patent records enhanced with European and Japan Patent Office Classifications |
| NEWS 6 | AUG 02 | The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available |
| NEWS 7 | AUG 27 | BIOCOMMERCE: Changes and enhancements to content coverage |
| NEWS 8 | AUG 27 | BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC |
| NEWS 9 | SEP 01 | INPADOC: New family current-awareness alert (SDI) available |
| NEWS 10 | SEP 01 | New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! |
| NEWS 11 | SEP 01 | New display format, HITSTR, available in WPIDS/WPINDEX/WPIX |
| NEWS 12 | SEP 27 | STANDARDS will no longer be available on STN |
| NEWS 13 | SEP 27 | SWETSCAN will no longer be available on STN |
| NEWS 14 | OCT 28 | KOREAPAT now available on STN |

| | |
|---|---|
| NEWS EXPRESS | OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004 |
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| NEWS INTER | General Internet Information |
| NEWS LOGIN | Welcome Banner and News Items |
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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:29:07 ON 14 NOV 2004

=> fil reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION

FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 19:29:18 ON 14 NOV 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 NOV 2004 HIGHEST RN 780001-49-2
DICTIONARY FILE UPDATES: 12 NOV 2004 HIGHEST RN 780001-49-2

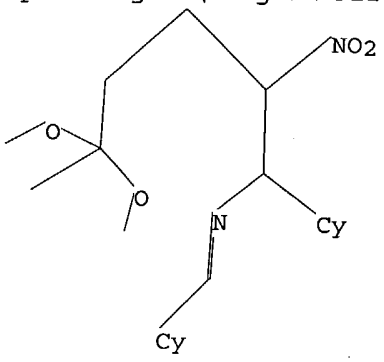
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

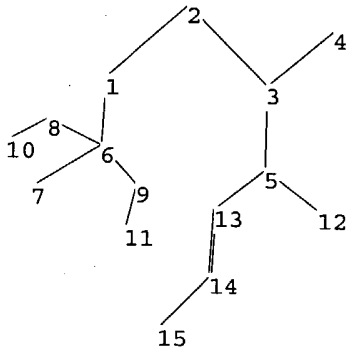
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10705466.str

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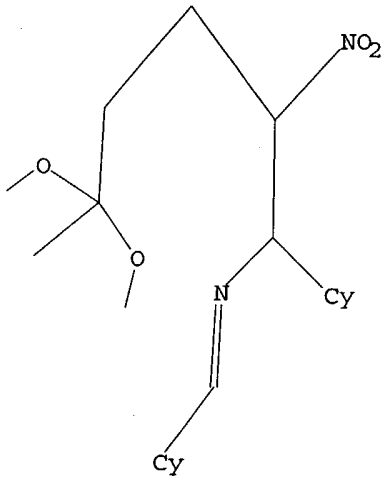
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
chain bonds :
1-2 1-6 2-3 3-4 3-5 5-12 5-13 6-7 6-8 6-9 8-10 9-11 13-14 14-15
exact/norm bonds :
5-12 5-13 6-8 6-9 8-10 9-11 13-14 14-15
exact bonds :
1-2 1-6 2-3 3-4 3-5 6-7

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:Atom 13:CLASS 14:CLASS 15:Atom

L1 STRUCTURE UPLOADED

=> d query
L1 STR




Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 19:29:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO         0
PROJECTED ANSWERS:               0 TO         0

L2            0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 19:29:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      2 TO ITERATE

100.0% PROCESSED       2 ITERATIONS                                2 ANSWERS
SEARCH TIME: 00.00.01

L3            2 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     155.42     155.63

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FILE COVERS 1907 - 14 Nov 2004 VOL 141 ISS 21
FILE LAST UPDATED: 12 Nov 2004 (20041112/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 2 L3

=> d l4 1-2 abs ibib hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AB This document discloses a process for preparing a pure cis isomer from a mixture of cis-trans isomers of formula RC(OMe)2CH2CH2CH(NO2)CH(Ar)N:CHAr (I) [Ar = (un)substituted Ph, etc.; R = alkyl] comprising the steps of : (a) dispersing a mixture of cis- and trans-I in an inert solvent wherein said cis isomer is less soluble than said trans isomer; (b) heating said dispersion to completely dissolve said trans isomer; (c) maintaining said heating step to allow interconversion of said cis and trans isomer; (d) cooling said mixture thereby crystallizing the cis isomer; (e) separating said crystalline cis isomer from said solvent. Cis isomers of formula I are useful intermediates in the synthesis of cis isomers of benzamide piperidine compds. which exhibit activity as NK-1 receptor antagonists.

ACCESSION NUMBER: 2004:428898 CAPLUS
DOCUMENT NUMBER: 141:6912
TITLE: Process for converting a cis-trans mixture of substituted benzylidene amines into the pure cis isomer
INVENTOR(S): Humphrey, John Michael; Tom, Norma Jacqueline
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004043908 | A1 | 20040527 | WO 2003-IB4953 | 20031103 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-425946P P 20021112

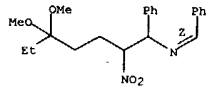
OTHER SOURCE(S): CASREACT 141:6912; MARPAT 141:6912

IT **695165-42-5P**
RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation)
(process for converting a cis-trans mixture of substituted benzylidene amines into the pure cis isomer)

RN 695165-42-5 CAPLUS
CN Benzenemethanamine, α-(4,4-dimethoxy-1-nitrohexyl)-N-(phenylmethylene)-, [N(Z)]- (9CI) (CA INDEX NAME)

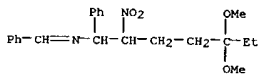
Double bond geometry as shown.

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)



IT **368835-48-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(process for converting a cis-trans mixture of substituted benzylidene amines into the pure cis isomer)

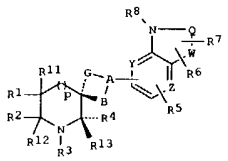
RN 368835-48-7 CAPLUS
CN Benzenemethanamine, α-(4,4-dimethoxy-1-nitrohexyl)-N-(phenylmethylene)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

GI



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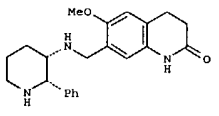

II

AB Title compds. I [Q = C:NH, C:CH2, C:S, C:O, SO, SO2; A = CH, CH2, C(alkyl), CH(alkyl), C(CF3), or CH(CF3) with the proviso that when B is present, A = CH, C(alkyl), or C(CF3); B = absent, CH2, or ethylene; Y, Z = N, CH, provided that both are not N; G = NH(CH2)q, S(CH2)q, O(CH2)q; q = 0-1 with the proviso that when q = 0, G = NH2, SH, OH; W = 1-3 carbon linking group, including spiro assemblies; p = 0-2; R3 = H, acyl, carboxy, Ph, heterocyclyl, alkyl, etc.; R1, R2, R11-13 = H, alkyl, etc., or R12-13 together with the carbon atoms to which they are attached form a 5- or 6-membered heterocyclic ring, etc.; R4 = Ph, pyridyl, thienyl, etc.; R5-8 = H, alkyl, S(O)1-2-alkyl, S(O)1-2-aryl, alkoxy, halo, Ph, etc.] were prepared Approx. 100 synthetic examples and over 100 precursor prepns. were provided. For instance, 4-aminophenol was acylated with 3-chloropropionyl chloride (CH2Cl2, H2O, NaHCO3, room temperature, 4 h) and the product treated with AlCl3 at 210°C for 10 min effecting cyclization to the hydroxy quinolone intermediate. The intermediate was O-methylated (acetone, Me2SO4, K2CO3, room temperature, 16 h) and formylated in the 7 position (CH2Cl2, AlCl3, Cl2CHOMe) to give 7-formyl-6-methoxy-1H-1,2,3,4-tetrahydroquinolin-2-one. Reductive alkylation of the quinolone with (2S,3S)-3-amino-2-phenylpiperidine (a. PhMe, 3Å mol. sieves; b. dichloroethane, NaHB(OAc)3, room temperature, 16 h) yielded II. Compds. I are NK-1 receptor antagonists, i.e., substance P receptor antagonists. At least one

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

stereoisomer of the example compds. had a binding affinity, as measured by Ki, of at least 600 nM. I are used in the treatment and prevention of a wide variety of central nervous system disorders, inflammatory disorders, cardiovascular disorders, ophthalmic disorders, etc.

ACCESSION NUMBER: 2001:762988 CAPLUS
DOCUMENT NUMBER: 135:331346
TITLE: Synthesis of benzoamide piperidine containing compounds as substance P antagonists
INVENTOR(S): Arnold, Eric Platt; Chappie, Thomas Allen; Huang, Jianhua; Humphrey, John Michael; Nagel, Arthur Adam; O'Neill, Brian Thomas; Sobolov-Jaynes, Susan Beth; Vincent, Lawrence Albert
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 209 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2001077100 | A2 | 20011018 | WO 2001-IB629 | 20010406 |
| WO 2001077100 | A3 | 20020307 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

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|---|---|---|---|---|
| US 2003087925 | A1 | 20030508 | US 2001-811218 | 20010316 |
| EP 1272484 | A2 | 20030108 | EP 2001-919702 | 20010406 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

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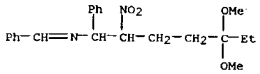
| BR 2001009936 | A | 20030506 | BR 2001-9936 | 20010406 |
| JP 2004501072 | T2 | 20040115 | JP 2001-575573 | 20010406 |
| EE 200200588 | A | 20040415 | EE 2002-588 | 20010406 |
| NZ 521346 | A | 20040730 | NZ 2001-521346 | 20010406 |
| BG 107135 | A | 20030630 | BG 2002-107135 | 20020923 |
| ZA 2002008072 | A | 20031008 | ZA 2002-8072 | 20021008 |
| NO 2002004874 | A | 20021118 | NO 2002-4874 | 20021009 |

PRIORITY APPLN. INFO.:
US 2000-195922P P 20000410
US 2000-212922P P 20000620
WO 2001-IB629 W 20010406

OTHER SOURCE(S): MARPAT 135:331346

IT **368835-48-7P**, Benzylidene-(5,5-dimethoxy-2-nitro-1-phenylheptyl)amine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; synthesis of benzoamide piperidine containing compds. as substance P antagonists)

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)
RN 368835-48-7 CAPLUS
CN Benzenemethanamine, α-(4,4-dimethoxy-1-nitrohexyl)-N-(phenylmethylene)- (9CI) (CA INDEX NAME)



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| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 11.28 | 166.91 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | -1.40 | -1.40 |

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